



MICHIGAN REGIONAL COMPREHENSIVE METABOLOMICS RESEARCH CORE (MRC)²

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(MRC)² Pilot and Feasibility Grant Program

Application Deadline: March 1, 2013

Anticipate Funding Start Date: May 1, 2013

PURPOSE OF PILOT AND FEASIBILITY STUDIES:

The University of Michigan Regional Comprehensive Metabolomics Resource Core (MRC)² (<http://mrc2.umich.edu>) is offering funding for exploratory biomedical research projects utilizing metabolomics technology. The P/F program is intended to provide opportunities for investigators to advance basic, clinical and translational biomedical science by incorporating metabolomic technologies into their research. The goal of this program will be to enable investigators to allow investigators to generate a sufficient body of preliminary information for a successful application for major research funding from NIH or other national granting agencies.

Similar Pilot and Feasibility programs are being offered by the RCMRCs at the University of California-Davis (metabolomics.ucdavis.edu) and RTI International (<http://rti.rcmrc.org>)

NOTE: All Investigators who receive a P/F from the RCMRC will be required to follow the NIH policy for data deposit and data sharing outlined at http://grants.nih.gov/grants/policy/data_sharing/

Acceptance of funding implies agreement with this requirement.

ELIGIBILITY:

Faculty or equivalent eligible to apply for NIH funding. We especially encourage applications from junior faculty (Assistant Professor or below) and those who have not previously utilized metabolomics in their research.

Note: Investigators who have extensive use of metabolomic technology in their research program are generally ineligible for funding.

LEVEL OF FUNDING:

The budget for the P/F application **cannot exceed \$50,000** in direct costs and will be for a period of **one year**.

At least **50% of the budget should be for use of the metabolomics infrastructure** at the (MRC)². This includes methodological development, sample analysis and post-analysis statistical and bioinformatic support. Review of current service costs can be found on the (MRC)² website mrc2.umich.edu.

REVIEW PROCESS:

The review process will consist of the following three steps.

First, applications will be triaged for eligibility and applicability to the (MRC)² mission.

Second, proposals recommended to be technically feasible will be reviewed by outside reviewers who are content area specialists to judge relative scientific merit using standard NIH review formats. Criteria will be the overall scientific quality and the potential for future NIH funding utilizing metabolomics to investigate biomedical questions.

Third, competitive grants from the participating RCMRCs will be prioritized for funding by the Executive Committee of the RCMRC.

PRIORITY FOR FUNDING

1. New investigators without current or past NIH funding (R01 or equivalent) as a PI, collecting preliminary data for an NIH submission
2. Established NIH investigators who are incorporating metabolomics into their research program
3. Established investigators who have developed a new or innovative idea in a research area of direct interest to the RCMRC communities

APPLICATION:

Applications will be prepared using standard NIH PHS398 forms (<http://grants.nih.gov/grants/funding/phs398/phs398.html>).

The applications will include:

A Face Page

Abstract

Budget and Budget Justification

Biosketch of Principal Investigator and other Key Personnel

Resources

Research Proposal. The proposal will be limited in to **5 pages**, Specific Aims included, and should follow and must include the following elements:

- Specific Aims
- Background
- Significance, including rationale for the use of metabolomics to address the problem
- Impact
- Preliminary Results, if available (but not required)
- Experimental Approach

Additional information to be provided (**not** included in the 5 page limit):

- Plans for Future Funding
- Eligibility Statement. A very brief description of the PIs eligibility
- References
- Protection of Human and/or Animal subjects

NOTE: Any project involving animal or human samples must provide proof of UCUCA or IRB permission prior to initiation of the project. If this is not obtained within 60 days of the funding date for the project, funding will be withdrawn.

SUBMISSION:

Application receipt deadline: March 01, 2013.

Earliest funding start date: May 01, 2012

Applications should be submitted through the (MRC)² website: mrc2.umich.edu.

RESONSIBILITY OF INVESTIGATORS FUNDED BY THE (MRC)²:

Investigators must agree in writing that they will abide by data dissemination rules **data deposit and data sharing**.

Grant recipients must acknowledge the MRC² services and its base-operating grant in any abstracts, presentations, or publications resulting from supported studies,

Pilot and Feasibility Grant Awardees are required to submit a final progress report to the (MRC)² within 2 months of the end of the funding period.

Any unspent funds will need to be returned to the MRC².

QUESTIONS:

Questions about the P/F grant program can be directed to: Alla Karnovsky, PhD. akarnovs@umich.edu.
Director, (MRC)² P/F Grant program.